

K2601 PCT

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< Such as circular cross sectional area, minimal cross sectional area, length of connector section, and/or minimal sectional modulus, >

## CLAIMS

1. Process for the processing of data regarding the three-dimensional shape of a dental prosthesis, which has two prosthesis sections and a connector section, said connector section being connected to the two  
5 prosthesis sections and less stable than the two prosthesis sections, said process comprising the steps that:
- a stability parameter, <sup>← 2)</sup> and a stability criterion are determined for the connector section;
  - for the stability parameter, the actual value is calculated from the  
10 data;
  - it is checked for the connector section as to whether the actual value fulfills the stability criterion, and if not, that a warning signal is generated,
- wherein the determination of the stability criterion is dependent on at  
15 least one of the following prosthesis attributes:
- the configuration of the prosthesis; and/or
  - the position of the prosthesis inside the mouth; and/or
  - the material and/or the cross-sectional profile of the connector section; and/or  
20 - the type of the prosthesis sections adjoining the connector section.
2. Process according to one of the preceding claims, in which the stability criterion includes a limit to which the actual value is compared.
3. Process according to one of the preceding claims, in which the minimal cross-sectional area of the connector section is one stability parameter and the stability criterion comprises a lower limit for it.  
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4. Process according to one of the preceding claims, in which the length of the connector section is one stability parameter and the stability criterion comprises an upper limit for it.